

# Dual Steering Stabilizer

Ford Super Duty | 2005-2016

Part #: 55358

Rev. 022817



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## SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

55358 Box Kit		
Part #	Qty	Description
01530	1	Outside Stabilizer Plate-DRVR
01531	1	Outside Stab Bracket- PASS
01532	1	Stabilizer
01533	1	Stabilizer
01550	1	Dual Stabilizer Support Brace
01529B	1	Center Bracket
764140434RB	2	7/16 x 4-1/4 x 4-3/4 Round U-bolt

85405 Stabilizer		
Part #	Qty	Description
15621	1	23.92 x 14.3 x 2 - EB1-EB1
SB58BK	2	5/8 ID Hourglass Bushing
51792	1	.625 x .060 x 1.375 Sleeve

B902 Bag Kit		
Part #	Qty	Description
P00935	2	Shock Stud
561120214RB	4	5/16 x 1-1/2 x 2-1/4 Round U-bolt
316	1	Bolt Pack
	8	1/4" USS washer thru hardened
	8	5/16"-18 prevailing torque nut
	4	7/16"-20 prevailing torque nut
	4	7/16" SAE flat washer thru-hardened
	2	3/8"-16 x 1" bolt - grade 8
	2	3/8"-16 x 1-1/4" bolt grade 8
	2	3/8"-16 prevailing torque nut
	6	3/8" SAE flat washer thru-hardened
	1	1/2"-13 x 1-1/4" bolt - grade 8
	2	1/2" SAE Thru hardened washer
	1	1/2"-13 prevailing torque nut
329	1	Bolt Pack
	1	1/2"-13 x 1-1/4" bolt - grade 5
	2	1/2" SAE washer
	1	1/2"-13 nylock nut
	2	3/8"-16 x 1" bolt - grade 5
	2	3/8" SAE Washer



## INSTALLATION INSTRUCTIONS

1. Block wheels for safety.
2. Remove OE Stabilizer and hardware.
3. Install center bracket (01529B) on the bottom side of axle with 7/16" x 4-1/4" x 4-3/4" u-bolts, washers, and nuts. Snug hardware to allow for adjustment later in installation. (Fig 1,2)

**FIGURE 1**



**FIGURE 2**



4. Install the center support bracket to the differential housing, place the differential ID tag on the front side of the bracket. Attach with 3/8" hardware to the differential, and 1/2" x 1-1/4" bolt, washers, and nylock nut to the BDS center bracket.
5. Install end brackets (01530 – drv, 01531 – pass) outside of tie rod clamps with 5/16" x 1-1/2" x 2-1/4" u-bolts, washers, and nuts. (Fig 3) Bend will face down with stabilizer mounting hole to the center of truck. Rotate plate until stabilizer mounting area is level. Measure mounting points for steering stabilizer and adjust until both distances are equal. (Approx. 20") Torque hardware to 17 ft-lbs.

**FIGURE 3**



## 4" LIFT KIT INSTALLATION

6. Install 1/2" studs (P00932) facing down into all brackets. Torque hardware to 50 ft.lbs.
7. Grease and install bushings into steering stabilizer.
8. Install stabilizers onto studs. Install 7/16" washers, lock washers, and nuts onto studs. Torque to 35 ft.lbs.

## 6" OR 8" LIFT KIT INSTALLATION

9. Install 1/2" studs (P00932) facing up into all brackets. Torque hardware to 50 ft.lbs.

10. Grease and install bushings into steering stabilizer.
11. Install stabilizers onto studs as shown. Install 7/16" washers, lock washers, and nuts onto studs. Torque to 35 ft.lbs. (Fig 4)

**FIGURE 4**



12. Torque 7/16" u-bolts to 50 ft.lbs, 3/8" hardware into the differential to 30 ft-lbs, and 1/2" support bracket hardware to 60 ft-lbs.
13. Install BDS name plate with 3/8" hardware as shown. Torque hardware to 30 ft.lbs. (Fig 5)

**FIGURE 5**



14. Cycle steering to ensure no interference with brackets or cylinders.
15. Recheck all fasteners after 500 miles and at regularly scheduled maintenance intervals.

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## **TIME TO HAVE SOME FUN**

**Thank you for choosing BDS Suspension.**

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.